LINDY®

CONNECTION PERFECTION

eSATAp Back Plate Adapter

User Manual   *English*

LINDY No. 70534, 70539 (2 Port)

www.lindy.com

Introduction   English

Thank you for purchasing the 12V enabled eSATAp Back Plate Adapter. This adapter combines a 5V & 12V Power-Over-eSATA port with a USB port. The 12V enabled eSATAp technology supports connection to 2.5" and 3.5" SATA drives without the need for a separate power adapter – the power can be driven from the 12V enabled eSATAp port using separately available 5 or 12V enabled eSATAp cables.

Please note: when converting an internal SATA port from a motherboard, or add-on card, to an external eSATAp port, the 1m maximum cable length for internal SATA ports should be taken into account when calculating the total cable length (i.e. internal plus external eSATA cable).

The power from the adapter's USB/eSATAp port exceeds the 5V 500mA usually available from standard USB ports. The power is limited only by the computer's ATX power supply connected to the adapter. This allows USB or eSATA 2.5" HDD enclosures to supply enough power to operate the hard drive over a single eSATAp connection.

Einführung   Deutsch

Herzlichen Glückwunsch zum Erwerb dieses 12V eSATAp Slotblechadapters. Er stellt Ihnen eine kombinierten 12V und 5V Power-over-eSATA/USB Anschluss zur Verfügung. Er ermöglicht den sicheren Betrieb von 2,5" und 3,5" SATA Festplatten und Gehäusen über nur eine Kabelverbindung bei Verwendung der entsprechenden 5V oder 12V eSATAp Kabel.
Bitte beachten Sie, dass bei Adaptierung eines internen Mainboard SATA Ports zu einem eSATA Port nach wie vor die maximale (Gesamt-)Kabellänge 1m nicht überschreiten soll! Aus dem eSATAp Anschluss können mehr als die üblichen 5V 500mA wie aus einem USB Port entnommen werden. Die Leistung is lediglich durch das Netzteil des Rechners begrenzt. Daher können USB oder eSATA Gehäuse sicher über nur eine Kabelverbindung betrieben werden.
Zur korrekten Installation dieses Slotblechadapters folgen Sie bitte den weiteren bebilderten Hinweisen und der englischen Installationsanleitung sowie folgenden Sicherheitshinweis:
Schalten Sie Ihren Rechner vor dem Öffnen des Gehäuses aus und entfernen das Netzkabel!

Introduction   Francais

Merci d'avoir choisi l'adaptateur 12V eSATAp Back Plate. Il combine un port Power-Over-eSATA 5V & 12V avec un port USB. La technologie 12V eSATAp supporte la connexion de disques durs SATA 2.5" et 3.5" sans connecter un adaptateur d'alimentation séparé – l'alimentation peut être gérée par le port 12V eSATAp en utilisant les câbles 5 ou 12V eSATAp (disponibles séparément).

Cependant, notez que la conversion d'un port interne SATA d'une carte mère ou d'une carte vers un port eSATAp externe, la longueur maximale de 1m pour un port SATA interne doit être prise en compte pour la longueur totale (câble eSATA interne plus externe). La puissance fournie depuis le port USB/eSATAp excède les 5V 500mA habituellement disponibles depuis un port USB. Cette puissance est limitée par l'alimentation ATX de l'ordinateur. Cela dit, les boîtiers disques durs USB ou eSATA 2.5" peuvent fonctionner avec assez de puissance pour le disque dur.
Pour la bonne installation de cet adaptateur en slot, merci de suivre les indications données en anglais:
Déconnectez l'alimentation de votre ordinateur AVANT d'ouvrir la tour de l'ordinateur!

Introduction   Italiano

Grazie per aver scelto l'adattatore su staffa 12V eSATAp con una porta combinata 5V & 12V Power-Over-eSATA e USB. La tecnologia eSATAp da 12V supporta la connessione di Hard Disk SATA da 2.5" e 3.5" e astucci senza la necessità di collegare un alimentatore aggiuntivo – l'alimentazione viene fornita direttamente dalla porta eSATAp 12V utilizzando dei cavi eSATAp 5 o 12V.

Convertendo una porta SATA interna di una motherboard o controller ad una porta esterna eSATAp, la lunghezza massima complessiva supportata è di 1m (cavo interno più cavo esterno eSATA). La potenza fornita dalla porta USB/eSATAp è superiore ai 5V 500mA forniti da una porta USB standard. La potenza è limitata solo dagli alimentatori ATX dei computer collegati a questo adattatore. Astucci per HDD USB o eSATA da 2.5" possono quindi funzionare senza problemi utilizzando un solo cavo di collegamento.
Per una corretta installazione di questo adattatore su staffa consultare le indicazioni presenti in questo manuale nelle pagine successive.
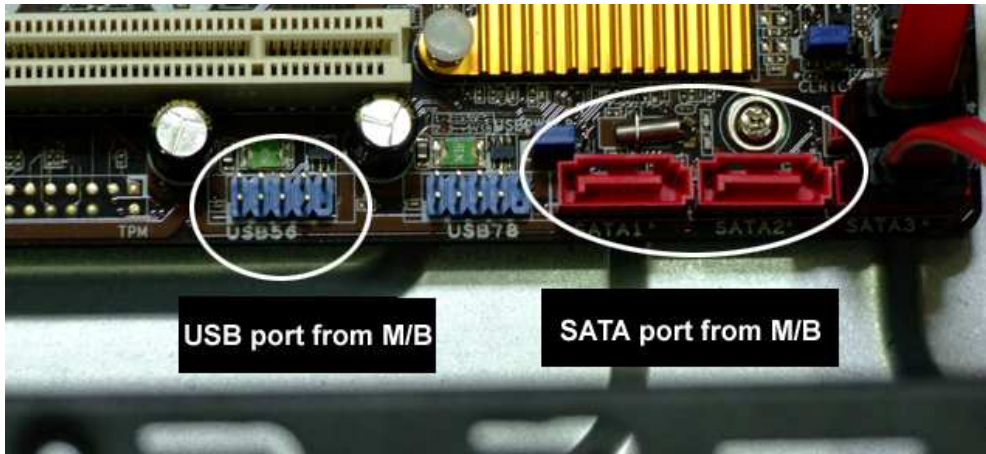**Spegnere il Computer prima di aprire il case e rimuovere il cavo di alimentazione!**

Package Contents

- eSATAp back plate adapter
- Internal power extension cable
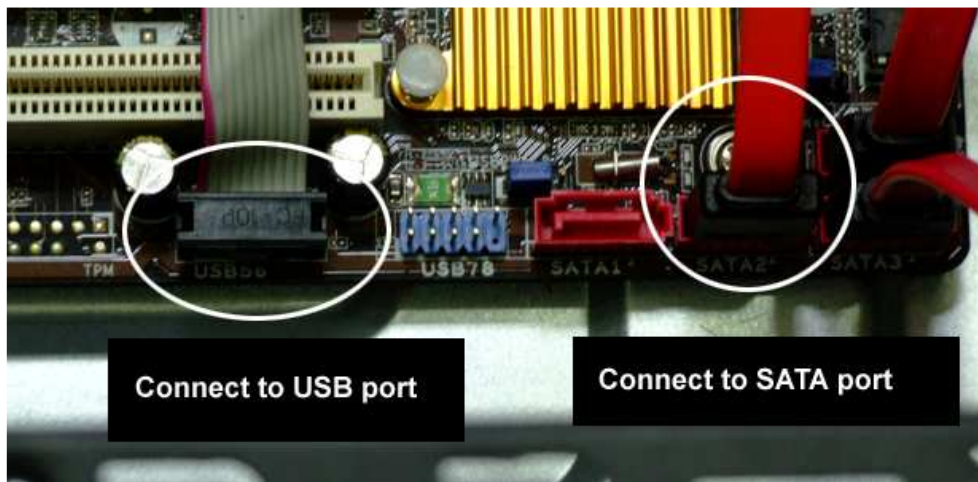- Internal cable for USB connection (Two 2 x 5 Pin IDC header)
- This manual

Installation

IMPORTANT: Before commencing installation, ensure that your PC is powered off and disconnected from the mains!
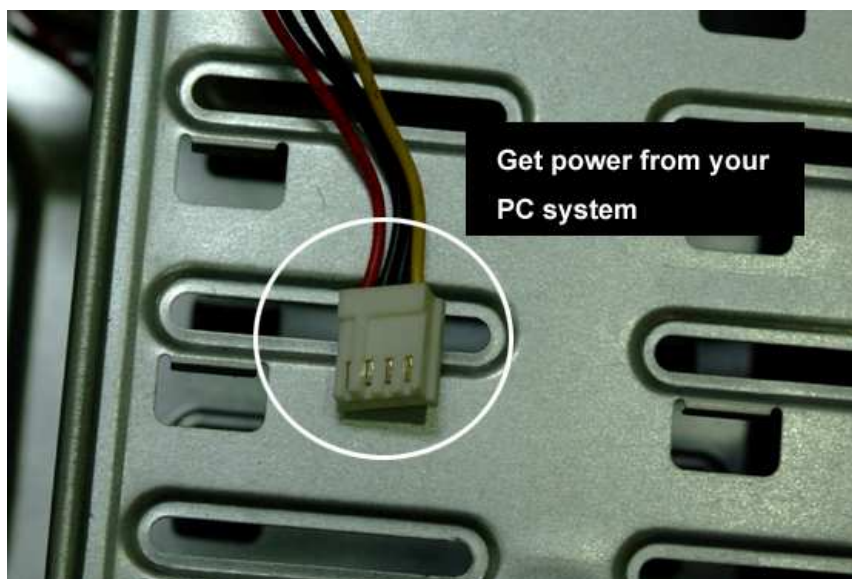
1. After removing the case cover from your PC you should confirm the location of your motherboard's USB and SATA ports (please refer to your motherboard or PC manual).

2. If your motherboard is equipped with internal eSATA ports as well as standard SATA ports, please use the eSATA ports. eSATA ports can supply a more stable and powerful signal allowing longer maximum cable lengths of up to 2m.

USB port from M/B   SATA port from M/B

3. Connect the USB and SATA cables to the USB and SATA ports on the motherboard to the back plate adapter. Please note for the USB connection that connector side with the red marked cable corresponds to pin 1. Use the shortest SATA cable available because of the maximum allowed total cable length (1m).
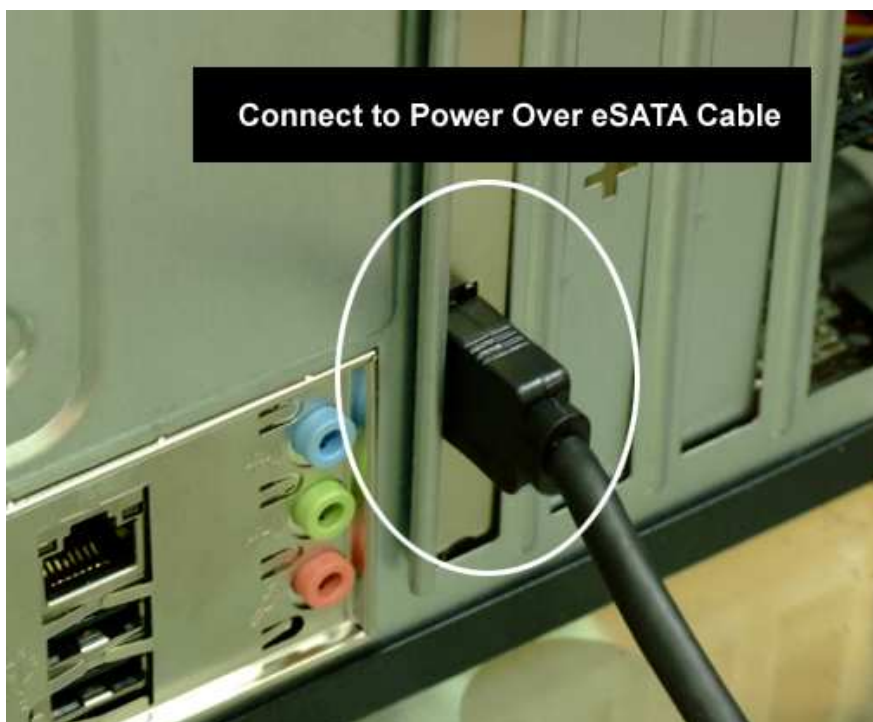

Connect to USB port   Connect to SATA port

4. Connect power from your PC's power supply to the back plate adapter.

Get power from your PC system

5. Carefully insert the back plate adapter card into a free expansion slot. You may need to remove a blanking plate first. Secure the adapter card using a screw.
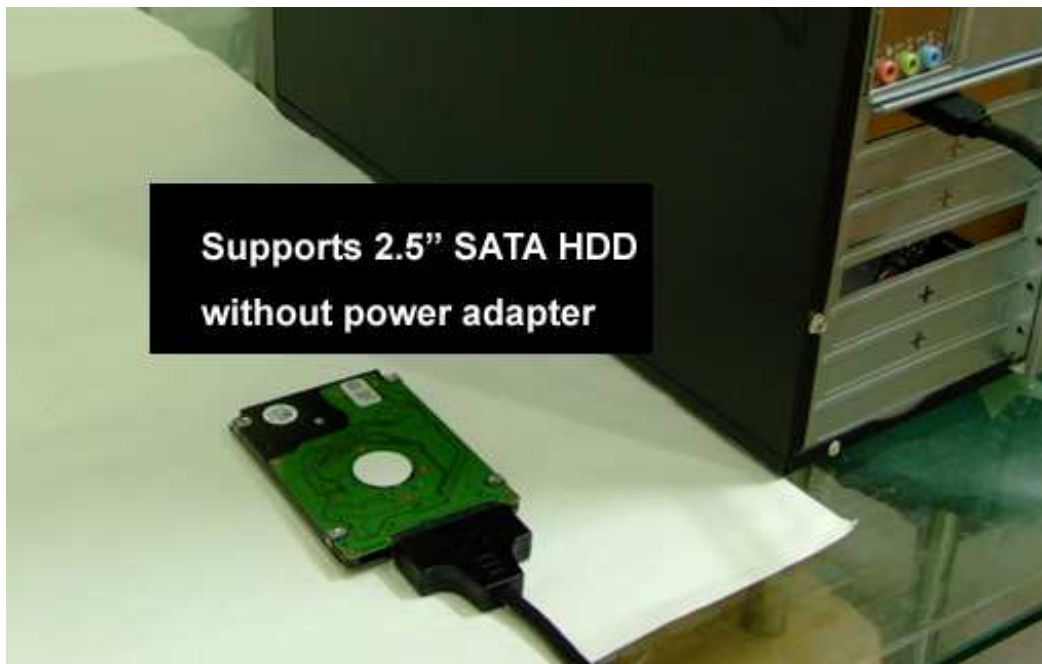

6. Reassemble the PC case and connect a Power Over eSATA cable to the external port on the card.

7. The eSATAp adapter supports 3.5" SATA drives without a power adapter.

8. It also supports 2.5" SATA drives.

Please note:
The maximum cable length for standard SATA cable connections according to the SATA specification is 1m! Therefore, the total length of the internal connection cable from the motherboard SATA port to the SATA port on the eSATAp adapter plus the external connection to the HDD must not exceed one metre!

FAQ

Does the Power Over eSATA & USB Adapter support Hot Swap functionality?

Yes, depending on your motherboard's SATA port and your operating system. If your motherboard and operating system does not support hot swap functionality, then the card will not support it. The card is a passive adapter card only – it does not change data traffic and has no influence on the protocols used!

Does the Power Over eSATA & USB Adapter support USB?

Yes, it supports the USB function from the motherboard. You also can plug in any USB A type connector or a standard eSATA connector instead of an eSATAp connector.

Does the Power Over eSATA & USB Adapter support higher power than a USB port?

Yes, it supports more than 5V 500mA because it takes the power from your computer's ATX power supply.

How does the 12V enabled Power Over eSATA & USB Adapter support 12V?

The 12V enabled eSATAp connector has additional 12V contacts on the outer wings of the connector. It is fully compliant with the standard eSATAp and eSATA connector and with the USB A type connector. The 12V enabled version can be clearly recognised by the 12V contacts on the outer side.

CE/FCC & Recycling Information

This product does not contain any active electronic parts or components. It is a simple adapter only. It does not generate radiation from itself and therefore is not tested nor certified with regards to CE and FCC regulations. For any components like this it is the full responsibility of the manufacturer or assembler of the PC to ensure compatibility with the relevant regulations for CE and FCC.

WEEE (Waste of Electrical and Electronic Equipment),
Recycling of Electronic Products

United Kingdom

In 2006 the European Union introduced regulations (WEEE) for the collection and recycling of all waste electrical and electronic equipment. It is no longer allowable to simply throw away electrical and electronic equipment. Instead, these products must enter the recycling process.
Each individual EU member state has implemented the WEEE regulations into national law in slightly different ways. Please follow your national law when you want to dispose of any electrical or electronic products. More details can be obtained from your national WEEE recycling agency.

Germany

Die Europäische Union hat mit der WEEE Direktive umfassende Regelungen für die Verschrottung und das Recycling von Elektro- und Elektronikprodukten geschaffen. Diese wurden von der Bundesregierung im Elektro- und Elektronikgerätegesetz – ElektroG in deutsches Recht umgesetzt. Dieses Gesetz verbietet das Entsorgen von entsprechenden, auch alten, Elektro- und Elektronikgeräten über die Hausmülltonne! Diese Geräte müssen den lokalen Sammelsystemen bzw. örtlichen Sammelstellen zugeführt werden! Dort werden sie kostenlos entgegen genommen. Die Kosten für den weiteren Recyclingprozess übernimmt die Gesamtheit der Gerätehersteller.

France

En 2006, l'union Européenne a introduit la nouvelle réglementation (DEEE) pour le recyclage de tout équipement électrique et électronique.
Chaque Etat membre de l' Union Européenne a mis en application la nouvelle réglementation DEEE de manières légèrement différentes. Veuillez suivre le décret d'application correspondant à l'élimination des déchets électriques ou électroniques de votre pays.

Italy

Nel 2006 l'unione europea ha introdotto regolamentazioni (WEEE) per la raccolta e il riciclo di apparecchi elettrici ed elettronici. Non è più consentito semplicemente gettare queste apparecchiature, devono essere riciclate. Ogni stato membro dell' EU ha tramutato le direttive WEEE in leggi statali in varie misure. Fare riferimento alle leggi del proprio Stato quando si dispone di un apparecchio elettrico o elettronico.
Per ulteriori dettagli fare riferimento alla direttiva WEEE sul riciclaggio del proprio Stato.

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